



Attorney Docket No. 103095-41585

Please verify that this correspondence (and any paper or fee referred to as being transmitted herewith) via first class mail in an envelope addressed to the COMMISSIONER FOR PATENTS, ALEXANDRIA, VIRGINIA 22313-1450, on

2-10-04

(Date)

*Tracy Hileman 2-10-04*  
(Signature and Date)

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Patent Application of: :  
Perry Rosen and Kwang Nho : Art Unit : Unassigned  
Serial No. : 10/715,607 : Examiner : Unassigned  
Filed : November 18, 2003 :  
Title : NOVEL MONOFUNCTIONAL :  
POLYETHYLENE GLYCOL ALDEHYDES :  
-----

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. 1.97-1.99, applicants respectfully request that the following references be made of record in the above-identified application:

<b><u>United States Patents</u></b>	<b><u>Issued</u></b>	<b><u>Inventor(s)</u></b>
4,528,334	July 9, 1985	Knopf et al.
5,252,714	October 12, 1993	Harris et al.
5,539,063	July 23, 1996	Hakimi et al.
5,990,237	November 23, 1999	Bentley et al.
6,437,025 B1	August 20, 2002	Harris et al.
6,465,694 B1	October 15, 2002	Baudys et al.
6,541,543 B2	April 1, 2003	Harris et al.

***Other Documents***

Vandoorne et al., "Functionalization of  $\alpha$ -hydrogen- $\omega$ -methoxypoly(oxyethylene),<sub>1</sub> A new method for the conversion of hydroxyl end groups into aldehyde groups," *Makromol. Chem., Rapid Commun.*, **10**:271-275 (1989).

Nathan et al., "Copolymers of Lysine and Polyethylene Glycol: A New Family of Functionalized Drug Carriers," *Biconjugate Chem.*, **4**:54-62 (1993).

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 10/303,260, filed on November 25, 2002; Serial No. 10/431,294, filed May 3, 2003 and Serial No. 10/661,268, filed September 12, 2003.

Enclosed please find Form PTO-1449 listing references that were submitted to, and/or cited by, the Office in the prior art application and, therefore, are not required to be provided in the application.

Consideration of this Information Disclosure Statement is respectfully requested, since the information provided herein may be material to the patentability of the subject application as defined in 37 C.F.R. §1.56. The submission of references with this Information Disclosure Statement should not be construed by the Examiner that a comprehensive search through the prior art was conducted; it is requested that the Examiner make such a comprehensive search.

The above citations do not constitute an admission that the references are relevant or material to the claims; they are cited only as constituting the closest art of which applicant is aware. As such, it is respectfully submitted that the Claims presented for examination define patentable subject matter thereover. Favorable consideration on the merits is respectfully requested.

### ***Correspondence and Fees***

Pursuant to 37 C.F.R. §1.97(c), since the Information Disclosure Statement is submitted before the mailing of the first Office Action on the merits or within three months of the filing date for the above application, no fees are believed to be necessitated by this Information Disclosure Statement. Should any fee be required, please charge the required fee to Deposit Account No. 03-3839.

Please address all correspondence to Intellectual Property Docket Administrator, Gibbons, Del Deo, Dolan, Griffinger & Vecchione, One Riverfront Plaza, Newark, NJ 07102-5497. Telephone calls should be made to William H. Epstein at (973) 596-4607 and fax communications should be sent directly to her at (973) 639-6397.

Thank you for your consideration.

Date: Feb 1, 2004 

William H. Epstein  
Attorney for Applicant  
Registration No. 20,008

Gibbons, Del Deo, Dolan,  
Griffinger & Vecchione  
One Riverfront Plaza  
Newark, New Jersey 07102  
(973) 596-4500

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 103095-41585	Serial No. 10/715,607
<b>INFORMATION DISCLOSURE CITATION</b>			
(Use several sheets if necessary)			
			
U. S. PATENT DOCUMENTS			

Examiner Initial		Document Number							Date	Name	Class	Sub-class	Filing Date If Appropriate
		4	5	2	8	3	3	4	07-09-1985	Knopf et al.			
		5	2	5	2	7	1	4	10-12-1993	Harris et al.			
		5	5	3	9	0	6	3	07-23-1996	Hakimi et al.			
		5	9	9	0	2	3	7	11-23-1999	Bentley et al.			
		6	4	3	7	0	2	5	08-20-2002	Harris et al.			
		6	4	6	5	6	9	4	10-15-2002	Baudys et al.			
		6	5	4	1	5	4	3	04-01-2003	Harris et al.			

## FOREIGN PATENT DOCUMENTS

*Examiner Initial	Office	Foreign Patent Document Document Number							Date of Publication of Cited Document	Name of Patentee or Applicant of Cited Document	Class	Sub-class	Translation	
													Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)

		Vandoorne et al., "Functionalization of $\alpha$ -hydrogen- $\omega$ -methoxypoly(oxyethylene), A new method for the conversion of hydroxyl end groups into aldehyde groups," <i>Makromol. Chem., Rapid Commun.</i> , <b>10</b> :271-275 (1989).
		Nathan et al., "Copolymers of Lysine and Polyethylene Glycol: A New Family of Functionalized Drug Carriers," <i>Biconjugate Chem.</i> , <b>4</b> :54-62 (1993).

Examiner	Date Considered
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	